BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Modified Cost Rs. 19.752Lakhs

Name of Work:-Modified estimate for the Construction of flagging course and covering slabs to existing drains and Asphalting to roads in Judicial Layout in ward no:04

S.N	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2014-15)	Cum							
	Removal of silt in drains :-								
	15th cross:-L/Sides		1	150.00	0.45	0.35	23.63		
	R/Sides		1	160.00	0.45	0.35	25.20		
	15Th cross connection road:-L/Sides		1	100.00	0.45	0.35	15.75		
	R/Sides		1	180.00	0.45	0.35	28.35		
	15th cross attach road:-:-L/Sides		1	48.00	0.45	0.35	7.56		
	R/Sides		1	120.00	0.45	0.35	18.90		
	15th A cross:-L/Sides		1	90.00	0.45	0.35	14.18		
	Berm cutting:-								
	15th cross:-L/Sides		1	150.00	0.90	0.20	27.00		
	R/Sides		1	160.00	0.90	0.20	28.80		
	15Th cross connection road:-L/Sides		1	100.00	0.90	0.20	18.00		
	R/Sides		1	180.00	0.90	0.20	32.40		
	15th cross attach road:-:-L/Sides		1	48.00	0.75	0.20	7.20		
	R/Sides		1	120.00	0.80	0.20	19.20		
	15th A cross:-L/Sides		1	90.00	0.90	0.20	16.20		
						Total quantity	282.37		
		A)Up to125% of quantity					**224.78**	74.80	**16813.00**
		B)Above 125% of quantity					**57.59**	74.84	**4310.00**
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	75.60							
	Tender premium(-1.00%)	0.76							
		74.84							
2	Removing B.S slab of drain and stacking	sqm							
	15th cross:-L/Sides		1	150.00	1.65		247.50		
	R/Sides		1	160.00	1.65		264.00		
	15Th cross connection road:-L/Sides		1	100.00	1.65		165.00		
	R/Sides		1	180.00	1.65		297.00		
	15th cross attach road:-:-L/Sides		1	47.80	1.65		78.87		
	R/Sides		1	120.00	1.65		198.00		
	15th A cross:-L/Sides		1	90.00	1.65		148.50		
							1398.87		
		Deduct 30%of Missing slabs qty					**419.66**		
							979.21	57.74	**56536.00**
	Basic Rate	54.00							
	Area Weightage @ 8%	4.32							
	Total	58.32							
	Tender premium(-1.00%)	0.58							
		57.74							

3	Refixing stone slabs of drains and pointing in CM(1:3)	Sqm								
			Vide Item No. 2					979.21	74.84	73288.00
	Basic Rate	70.00								
	Area Weightage @ 8%	5.60								
	Total	75.60								
	Tender premium(-1.00%)	0.76								
		74.84								
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick	sqm								
		30% of Missing slabs qty						419.66	639.36	268314.00
	Basic Rate	592.00								
	Area Weightage @ 8%	47.36								
	Total	639.36								
	Tender premium(-1.00%)	6.39								
		632.97								
5	KSRRB 4.1.6Providing and laying in position plain cement concrete mix 1:2:4 with cement @240kgs,with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15cms thick well compacted,in foundation,plinth and cills,including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification no 4.1,4.2 (Page.12 & Item No. 4.6)	Cum								
	Foundation for flagging course									
	Load bearing wall:-15th cross:-L/Sides		1	150.00	0.25	0.10	3.75			
	R/Sides		1	160.00	0.25	0.10	4.00			
	15Th cross connection road:-L/Sides		1	100.00	0.25	0.10	2.50			
	R/Sides		1	180.00	0.25	0.10	4.50			
	15th cross attach road:-:-L/Sides		1	47.80	0.25	0.10	1.20			
	R/Sides		1	120.00	0.25	0.10	3.00			
	15th A cross:-L/Sides		1	90.00	0.25	0.10	2.25			
	Non load bearing wall:-15th cross:-L/Sides		1	150.00	0.20	0.10	3.00			
	R/Sides		1	160.00	0.20	0.10	3.20			
	15Th cross connection road:-L/Sides		1	100.00	0.20	0.10	2.00			
	R/Sides		1	180.00	0.20	0.10	3.60			
	15th cross attach road:-:-L/Sides		1	47.80	0.20	0.10	0.96			
	R/Sides		1	120.00	0.20	0.10	2.40			
	15th A cross:-L/Sides		1	90.00	0.20	0.10	1.80			
	C.C for Load bearing wall :-15th cross L/sides		1	150.00	0.20	0.075	2.25			
	R/Sides		1	160.00	0.20	0.075	2.40			
	15Th cross connection road:-L/Sides		1	100.00	0.20	0.075	1.50			
	R/Sides		1	180.00	0.20	0.075	2.70			
	15th cross attach road:-:-L/Sides		1	47.80	0.20	0.075	0.72			
	R/Sides		1	120.00	0.20	0.075	1.80			
	15th A cross:-L/Sides		1	90.00	0.20	0.075	1.35			
	C.C forNon Load bearing wall :-15th cross L/sides		1	150.00	0.20	0.075	2.25			
	R/Sides		1	160.00	0.10	0.075	1.20			
	15Th cross connection road:-L/Sides		1	100.00	0.10	0.075	0.75			
	R/Sides		1	180.00	0.10	0.075	1.35			
	15th cross attach road:-:-L/Sides		1	47.80	0.10	0.075	0.36			
	R/Sides		1	120.00	0.10	0.075	0.90			

	15th A cross:-L/Sides		1	90.00	0.10	0.075	0.68		
							58.40	5274.36	**308023.00**
6	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)	Sqm							
	Load bearing wall:-15th cross:-L/Sides		1	150.00		0.20	30.00		
	R/Sides		1	160.00		0.20	32.00		
	15Th cross connection road:-L/Sides		1	100.00		0.20	20.00		
	R/Sides		1	180.00		0.20	36.00		
	15th cross attach road:-:-L/Sides		1	47.80		0.20	9.56		
	R/Sides		1	120.00		0.20	24.00		
	15th A cross:-L/Sides		1	90.00		0.20	18.00		
	Basic Rate	920.00					**169.56**	983.66	**166790.00**
	Area Weightage @ 8%	73.60							
	Total	993.60							
	Tender premium(-1.00%)	9.94							
		983.66							
7	KSRB 5-15: Providing and constructing Non load bearing wall with cement concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x10x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.28)	Sqm							
	Non load bearing wall:-15th cross:-L/Sides		1	150.00		0.20	30.00		
	R/Sides		1	160.00		0.20	32.00		
	15Th cross connection road:-L/Sides		1	100.00		0.20	20.00		
	R/Sides		1	180.00		0.20	36.00		
	15th cross attach road:-:-L/Sides		1	47.80		0.20	9.56		
	R/Sides		1	120.00		0.20	24.00		
	15th A cross:-L/Sides		1	90.00		0.20	18.00		
	Basic Rate	671.00					**169.56**	717.43	**121648.00**
	Area Weightage @ 8%	53.68							
	Total	724.68							
	Tender premium(-1.00%)	7.25							
		717.43							
8	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
	15th cross:-L/Sides		1	150.00	0.90		135.00		
	R/Sides		1	160.00	0.90		144.00		
	15Th cross connection road:-L/Sides		1	100.00	0.90		90.00		
	R/Sides		1	180.00	0.90		162.00		
	15th cross attach road:-:-L/Sides		1	47.80	0.90		43.02		
	R/Sides		1	120.00	0.90		108.00		
	15th A cross:-L/Sides		1	90.00	0.90		81.00		
							763.02	1232.55	**940460.00**

9	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no 130, PWD SR 2014-15)	Cum								
			Vide Item No. 1					282.37		
		A)Up to125% of quantity						224.78	67.35	15139.00
		B)Above 125% of quantity						57.59	67.36	3879.00
	Basic Rate	63.00								
	Area Weightage @ 8%	5.04								
	Total	68.04								
	Tender premium(-1.00%)	0.68								
		67.36								
									Total RS	1975200.00
	(Rupees nineteen lakhs seventy five thousand Two hundred only)									

Certificate.-

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2014-15
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward no:104

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Approval

Accorded For 19.5 lakhs Modified Estimate
Head of A/C. P1771 Sanctioned "
CER NO :..... Dt:.. 31.8.15

[TA] [GE (YNK)]
Chief Engineer
Yelahanka Zone
Bhath Bangalore Rajyanagara
Bangalore 92
31.8.15

Name of work:- Construction of flagging Course and Cover -ing Slabs to existing drains and Asphalting to roads in Judicial Layout in ward No-04.